

Always with our customers

**SECURITY
OR SAFETY**
controllers & more

HANYOUNG nux



Product Guide

**SECURITY
OR SAFETY**
controllers & more

Distribuidor
Master

HANYOUNG nux

Contents

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Control switch
Combination display
light



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Power switch
Main switch
Cam switch



C

Limit switch
Micro switch



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Hoist switch
Foot switch
Mono lever switch



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Signal light



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Buzzer
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Control box
Cable connector



H

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Products





 Temperature Controller / Recorder

 Digital Counter / Timer


 Analog Timer

 Panelmeter

 Multi Pulse Meter

 Sensor / Rotary Encoder

 Thyristor Power Regulator / Solid State Relay / Power Supply


 Hoist switch / Foot switch / Mono lever switch

 Micro switch / Power switch

 Limit switch

 Cam switch / Mono lever switch

 Hoist / Foot / Main switch

 Sign tower / Signal light

 buzzer / terminal block / Fuse holder / control box / Cable connector

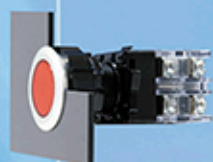


Control Switch

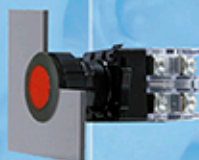
QR series

Premium Control Switch

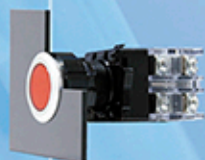
- ALUMINUM GUARD TYPE AND PLASTIC GUARD TYPE
- ACTUATOR AND CONTACT BLOCK ARE DETACHABLE
- SNAP OPERATION CONTACT BLOCK (1A1B STACKING TYPE)
- HIGH RELIABLE CONTACT UNIT • IP65 PROTECTION
- USE ILLUMINATED LED
- VARIOUS SIZE
- EXTENDED TYPE -
DUAL USAGE $\varnothing 22$, $\varnothing 25$
FLUSH TYPE - $\varnothing 25$, $\varnothing 30$



Flush type- $\varnothing 30$



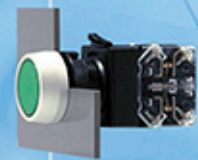
Flush type- $\varnothing 30$



Flush type- $\varnothing 25$



Extended type-dual usage $\varnothing 22$ & $\varnothing 25$



Extended type-dual usage $\varnothing 22$ & $\varnothing 25$



Limit Switch / Power Switch

HY-M900 series

Limit Switch

- SOLID DIE CASTING CASE AND BUILT IN THE 2 CIRCUITS DOUBLE MICRO SWITCH
- HIGH MECHANICAL INTENSITY WITH THE HEAT RESISTANCE, OILPROOF AND DUST PROTECTION STRUCTURE
- VARIOUS ACTUATOR (7 TYPES) PROVIDE WIDE APPLICATION
- IP67 PROTECTIVE STRUCTURE (WHEN USING THE COMPANY PRODUCT HYC - M1 IN WIRE OPENING)
- CHECK THE OPERATION STATE ON THE OUTSIDE BY ATTACHING THE OPERATION INDICATOR.



BE Series

Power Push Button Switch

- DIRECTLY ON / OFF THE POWER OF COMPACT SIZE ELECTRIC MOTOR
- EXPOSED TYPE / FLUSH MOUNTED TYPE, PLASTIC / COLD DRAWN STEEL CASE
- 3 BUTTONS ELECTRIC MOTOR SWITCH (FORWARD, REVERSE AND STOP BUTTONS)
- WATERPROOF TYPE FRAME RETARDANCY ABS PLASTIC CASE
- ELECTRIC PRODUCTS SAFETY CERTIFICATE



Main Switch / Cam Switch / Foot Switch

MAS series

Main Switch

- DESIGNED AS RAPID SWITCHING STRUCTURE SO EXCELLENT CONTACT RELIABILITY.
- APPLY THE LOCK RING WITHIN THE OFF STATE
- HANDLE AND CONTACT PART ARE DESIGNED AS DETACHABLE STRUCTURE
- 2 COLOR TYPES OF HANDLE AND HANDLE GUARD (RED, YELLOW AND BLACK, WHITE)
- 4 HOLES FIXED PANEL MOUNTING
- CLEAR INDICATION OF ON / OFF CONTACT STATE (TURNING OFF THE OPERATION HANDLE WILL BLOCK ALL CONTACTS)



HY-100 series

Foot Switch

- HIGH MECHANICAL SAFETY DUE TO THE ALUMINUM CASE
- BUILT IN THE MICRO SWITCH THAT HAS AN EXCELLENT ELECTRICAL RELIABILITY
- PROTECTIVE COVER FROM THE FALLING MATERIALS AND ATTACHED A SAFETY LATCH LEVER.
- APPLIED THE CABLE LOCKER
- ECONOMICAL PRICE OF PLASTIC CASE



HY-SQ5 / 305 / 255 series / HY-MRK

Cam Switch / Key Cam Switch

- STRUCTURAL DESIGN THAT CAN CHECK THE CONTACT OPERATION STATE
- ELECTRICAL PRODUCT SAFETY AUTHORIZATION
- VARIOUS SURFACE STRUCTURES (SQUARE, ROUND)
- 3 TYPES OF OPERATION HANDLE
- INCOMING PANEL / SWITCH-BOARD SWITCH A / S, V / S, C / S STANDARD MANUFACTURING PRODUCT
- MACHINE TOOLS AND VARIOUS INDUSTRIAL ELECTRICAL INSTALLATION CIRCUIT FORMATION (ORDER-MADE)



Hoist Switch

HY-1020 series

Hoist Switch

- APPLIED TO THE HOIST, CRANE, POWER LIFT OF TRUCK, ELECTRIC LIFT AND ETC
- CASE IS MADE OF THE ABS COPOLYMER WHICH HAS AN EXCELLENT MECHANICAL INTENSITY AND EXCELLENT ELECTRICAL FEATURES. DUE TO THE FACT, IT HAS AN EXCELLENT DURABILITY FROM THE SHOCK, IT IS LIGHT WEIGHT AND IT PROTECTS FROM THE ELECTRIC SHOCK.
- MANUFACTURED AN EMERGENCY SWITCH ATTACHMENT TYPE THAT CAN CUT OFF THE OPERATION POWER.
- VARIOUS CONTACT UNIT COMPOSITION WHICH MAKES IT ABLE TO SELECT AN ELECTRIC MOTOR VELOCITY CONTROLLING 2 STAGES CONTACT UNIT LOCK-UP, SEESAW AND MOMENTARY OPERATION CONTACT UNIT.
- PLENTIFUL PUSH BUTTONS SO WIDE APPLICATION POSSIBLE



LED Sign Tower / Turn Light / Wall Mounted Light

STL series

- 2 KINDS OF BUZZERS (75dB FROM 1m DISTANCE)
- FLASHING (60 TIMES PER MINUTE) AND CONTINUOUS LIGHT FUNCTIONS
- NPN & PNP OPEN COLLECTOR TRANSISTORS FOR BUZZER AND LIGHT OPERATION (24 V d.c / a.c, 50 - 60 Hz)

TLB series

- TURN LIGHT (ABOUT 150 RPM)
- BUZZER (75dB ~ 85dB FROM 1m DISTANCE)
- NPN & PNP OPEN COLLECTOR TRANSISTORS FOR BUZZER AND LIGHT OPERATION (24 V d.c / a.c, 50 - 60 Hz)
- BASE AND WITHOUT BASE TYPE (TLB060)
- STAINLESS STEEL CASE (TLB 150-S)



WT / WTS series

Turn Light with Sensor

- SEMI-PERMANENT LIFE EXPECTANCY BY APPLYING THE LED LIGHT SOURCE
- EXCELLENT RESISTANCE FROM THE VIBRATION BY APPLYING THE FLAT TYPE LED LIGHT SOURCE
- STANDARD COLOR : RED, YELLOW AND GREEN
- SUITABLE FOR SECURITY ISSUE (SENSOR ONE-BODY TYPE)
- TURN LIGHT STARTS TO OPERATE WHEN MOTION IS DETECTED. (SENSOR ONE-BODY TYPE)
- SIMPLE WIRING AND INSTALLATION WITH WALL-MOUNT INSTALLATION TYPE
- EXCELLENT DIFFUSIVITY BY APPLYING THE SPINNING REFLECTOR EXCLUSIVE FOR LED
- NOT ONLY THE TURN LIGHT IS BUILT IN, BUT ALSO 4 MELODY TONES (90 dB) ARE BUILT IN.

WME/WMS series

- ULTRA-SLIM WALL-MOUNT TYPE
- COLORS AVAILABLE : RED, YELLOW, GREEN, BLUE, WHITE (WMS SERIES)
- BEIGE AND CHROME METAL COLORS CASE (WME SERIES)
- 2 KINDS OF BUZZERS (75 dB ~ 85dB FROM 1 m DISTANCE)
- FLASHING (60 TIMES PER MINUTE) AND CONTINUOUS LIGHT FUNCTIONS
- NPN & PNP OPEN COLLECTOR TRANSISTORS FOR BUZZER AND LIGHT OPERATION (24 V d.c / a.c 50 - 60 Hz)



LED Sign Tower / LED Turn Light / LED Signal Light

STS series

Sign Tower

- Ø40, Ø60 AND Ø80 VARIOUS SIZES
- LONG LIFE EXPECTANCY DUE TO THE HID LED LIGHT SOURCE
- 1 - 5 MODULES STACKING STRUCTURE AND COLORS (5 KINDS)
- 3 TYPES OF INSTALLATION METHOD
- CONTINUOUS LIGHT PRODUCT



TL100 series

Rotating Flashing Light

- LONG LIFE EXPECTANCY DUE TO THE FLUSH TYPE HID LED LIGHT SOURCE
- EXCELLENT DIFFUSIBILITY BY APPLYING THE ROTATING REFLECTOR (EXCLUSIVE FOR LED)
- SIMPLE WIRING BY APPLYING THE TERMINAL METHOD
- BUILT IN THE ROTATING LON AND 90dB SINGLE MELODY ELECTRICAL BUZZER.
- POWER SUPPLY VOLTAGE 24 V d.c OR 100 - 240 V a.c 50 - 60 Hz.



HY-TN series

Sign Tower

- Ø55 CYLINDER TYPE
- APPLIED THE SOCKET TYPE INCANDESCENT LAMP
- 1 - 5 STACKING STRUCTURE AND 5 KINDS OF COLORS
- CONTINUOUS LIGHT ONLY, CONTINUOUS LIGHT, FLASHING LIGHT, BUZZER (SELECTED BY THE EXTERNAL SIGNAL)

SLB series

Rotating Flashing Light

- CONTINUOUS LIGHT AND BUZZER SELECTION BY THE EXTERNAL SIGNAL
- LONG LIFE EXPECTANCY BY THE HID LED LIGHT SOURCE
- SELECT 60 ROUND TYPE CAP, RECTANGULAR TYPE CAP, DIRECT INSTALLATION, SUPPORTER MOUNTING INSTALLATION
- ECONOMICAL PRICE, SIMPLE INSTALLATION STRUCTURE
- SOLID POLY - CARBONATE MATERIAL PROTECTIVE CAP
- DEGREE OF PROTECTION IP54



Programmable Temperature & Humidity Controller

TH500 / TH300

Programmable Temp. & Humidity Controller

- COMPACT TEMPERATURE & HUMIDITY CONTROLLER
- TFT LCD SCREEN WITH TOUCH PANEL FUNCTION
- CONTROL WITH HIGH ACCURACY
- 100 PATTERNS (TOTAL 6,000 SEGMENTS, 100 SEG / PTN)
- INDEPENDENT PID CONTROL FOR TEMPERATURE & HUMIDITY CONTROL
- UNIVERSAL INPUT (RTD / TC / V d.c)
- UNIVERSAL OUTPUT (RELAY / SSR / SCR)
- RS232, RS485 AND USB COMMUNICATION SUPPORT



TD500

Two Channels Programmable Temperature Controller

- TOUCH PANEL 256 COLOR LCD INTERFACE
- HIGH ACCURACY CONTROLLER
(1 / 100, 1 / 10% RH DISPLAY & CONTROL)
- BUILT-IN LARGE STORAGE CAPACITY
(300 PATTERNS / 6,000 SEGMENTS)
- GRAPHIC DISPLAY FOR SV & PV EACH CHANNEL
(FOR MAX. 360 DAYS)
- RS232, RS485 AND USB COMMUNICATION SUPPORT



Hybrid & Graphic Recorder

GR100

Graphic Recorder

- 5.6 INCH / BRIGHT TFT LCD / TOUCH PANEL
- 6 OR 12 CHANNELS UNIVERSAL INPUT SIGNALS (RTD / TC / Vdd)
- 6 OR 12 CONTACT OUTPUT, 6 POINT EVENT INPUT
- RECORD FUNCTION TO EXTERNAL SD CARD
- RS-232 / 422 / 485, USB COMMUNICATION



12 channel

6 channel



RT9

Temp. Controller & Recorder

- COMMUNICATION(RS232C, RS422 / 485)
- COMPACT SIZED TEMPERATURE RECORDER
- PID AUTO-TUNING
- UNIVERSAL INPUT
- VARIOUS ALARMS





Analog Timer / Digital Counter · Timer

MA4N

Analog Timer

- APPLY CONVENIENT TIME SET-UP MODE
- FREE VOLTAGE POWER (24 - 240 V d.c / a.c, 50 / 60 Hz)
- VARIOUS TIME RANGES (TOTAL 16 TIME RANGES)
- OUTPUT ACTION MODE 6 TYPES
- USE POWER LED TO DISPLAY STATUS OF TIME PROCESS



T38N / T48N / T57N / TF62N / TF62D

Analog Timer

- DISPLAY THE TIME PROCESSING STATE BY USING ON LED
- VARIOUS TIME RANGES (7 KINDS)
- USERS SELECT THE TIME UNIT (HOUR, MIN, SEC)
- MADE OF 5 TYPES DEPENDING ON THE OUTPUT SPEC
- FREE POWER (24 - 240 V d.c / a.c 50 - 60 Hz)



LC1 / LT1

Counter / Timer

- COMPACT SIZE LCD INDICATING TOTAL COUNTER
- BATTERY BUILT IN SO EXTERNAL POWER IS NOT NEEDED
- LONG BATTERY LIFE DUE TO THE LESS POWER CONSUMPTION
- NON-VOLTAGE INPUT OR VOLTAGE INPUT
- IP66 PROTECTIVE STRUCTURE (FRONT SIDE)

LY4 / LY7

Digital Time Switch

- SIMPLE CONFIRMING AND CHANGING OF THE YEARLY AND WEEKLY PROGRAM SETTING
- BUILT-IN THE SEASON SETTING FUNCTION POSSIBLE TO SET THE WEEKLY PROGRAM TO SWITCH AUTOMATICALLY DEPENDING ON THE SEASON
- POSSIBLE TO ADDED YEARLY PROGRAM TO THE WEEKLY PROGRAM
- YEARLY HOLIDAY SETTING FUNCTION WHICH CAN BLOCK OUTPUT TO BE YIELDED ON HOLIDAY AND NATIONAL HOLIDAY



GE series

- COUNTER & TIMER
- BATCH COUNTER OUTPUT
- EXTERNAL OUTPUT POWER 12 V 200 mA
- PNP / NPN INPUT SELECTABLE
- ONE SHOT TIME OUTPUT (0.01S - 99.99S)



Photo & Proximity Sensor Rotary Encoder

PS series

High Precise Photo Sensor

- 0.7 ms HIGH SPEED RESPONSE
- COMPACT SIZE
- IP67 WATER PROOF STRUCTURE
- BUILT IN PROTECTION CIRCUIT AGAINST OUTPUT CUTOFF
- BUILT IN POWER PROTECTION CIRCUIT AGAINST REVERSE CONNECTION.

PLD series

Miniaturized Long Distance Diffuse Reflection Photo Sensor

- 2 m LONG DISTANCE DETECTION BY APPLYING DOUBLE LAYER STRUCTURE LENS
- BUILT IN STABLE LIGHT ON INDICATOR (GREEN).
- BUILT IN SENSITIVITY ADJUSTMENT FUNCTION



UP/CUP series

Proximity Sensor (Inductive / Capacitive Proximity Sensor)

- FAST AND RELIABLE DETECTION
- SURGE PROTECTION CIRCUIT
- REVERSE POLARITY PROTECTION
- SUITABLE FOR VARIOUS USAGES

HE series

Incremental Type

- SHAFT TYPE, HOLLOW SHAFT TYPE, HOLLOW BUILT IN SHAFT TYPE
- WIDE POWER VOLTAGE
- SIMPLE INSTALLATION STRUCTURE
- VARIOUS OUTPUT SPECIFICATIONS

PEN series

Anti-Inverter Noise Circuit Photo Sensor

- APPLY ANTI-INVERTER NOISE CIRCUIT
- MOTION DISPLAY LIGHT
- SENSITIVITY ADJUSTMENT VOLUME
- POWER VOLTAGE 24 - 240 V d.c / a.c

HPAN series

DIN rail mounting type sensor controller

- HIGH SPEED RESPONSE
- 2 SENSORS CONNECTION
- CONTACT / NON CONTACT 2 OUTPUTS



Photo Sensor & Optical Fiber Sensor

PFB series

Optical Fiber Sensor

- SENSITIVITY ADJUSTMENT BY THE AUTO-TEACHING.
- LIGHT AMOUNT DISPLAY BY THE BAR LED.
- EXTERNAL TEACHING INPUT/EXTERNAL SYNCHRONOUS INPUT SELECTABLE
- OUTPUT DELAY TIME (40 ms FIXED)
- MUTUAL INTERFERENCE PREVENTION, REVERSE POLARITY PROTECTION, OUTPUT SHORT-CIRCUIT PROTECTION
- LIGHT-ON ACTION / DARK-ON ACTION SELECTABLE BY THE SLIDE SWITCH.



PL series

Distance Setting Type Photo Sensor

- DISTANCE SETTING TYPE AND BGS (BACKGROUND SUPPRESSION) FUNCTION.
- STABLE DETECTION REGARDLESS OBJECT'S COLOR AND MATERIAL
- APPLICABLE IN VARIOUS FIELDS WITH LONG DETECTION DISTANCE (2 m)



PTX series

Photo Sensor

- TERMINAL BLOCK TYPE CONNECTION FOR CONVENIENT WIRING
- VARIOUS RANGE OF POWER SUPPLY VOLTAGE (24 - 240 V d.c / a.c, 12 - 24 V d.c).
- LONG-DISTANCE DETECTION. • TIMER FUNCTION AVAILABLE.
- NPN/PNP OPEN COLLECTOR OUTPUT SIMULTANEOUSLY (FOR DC POWER SUPPLY)
- BUILT-IN PROTECTION FOR REVERSE POLARITY AND OUTPUT SHORT-CIRCUIT
- IP66 PROTECTION STRUCTURE.



Thyristor Power Regulator / Solid State Relay

TPR series

- PHASE CONTROL / CYCLE CONTROL (ZERO CROSS)
- SLOPE SETTING / OUTPUT LIMITATION SETTING
- SOFT START & SOFT DOWN • VARIOUS ALARM OUTPUT
[FUSE BREAK (L.E) ALARM, OVER CURRENT ALARM, LOAD
BREAK ALARM]
- INPUT SIGNAL, OUTPUT AMOUNT, LOAD CURRENT,
HEAT SINK TEMPERATURE, DISPLAY FUNCTION



HSR series

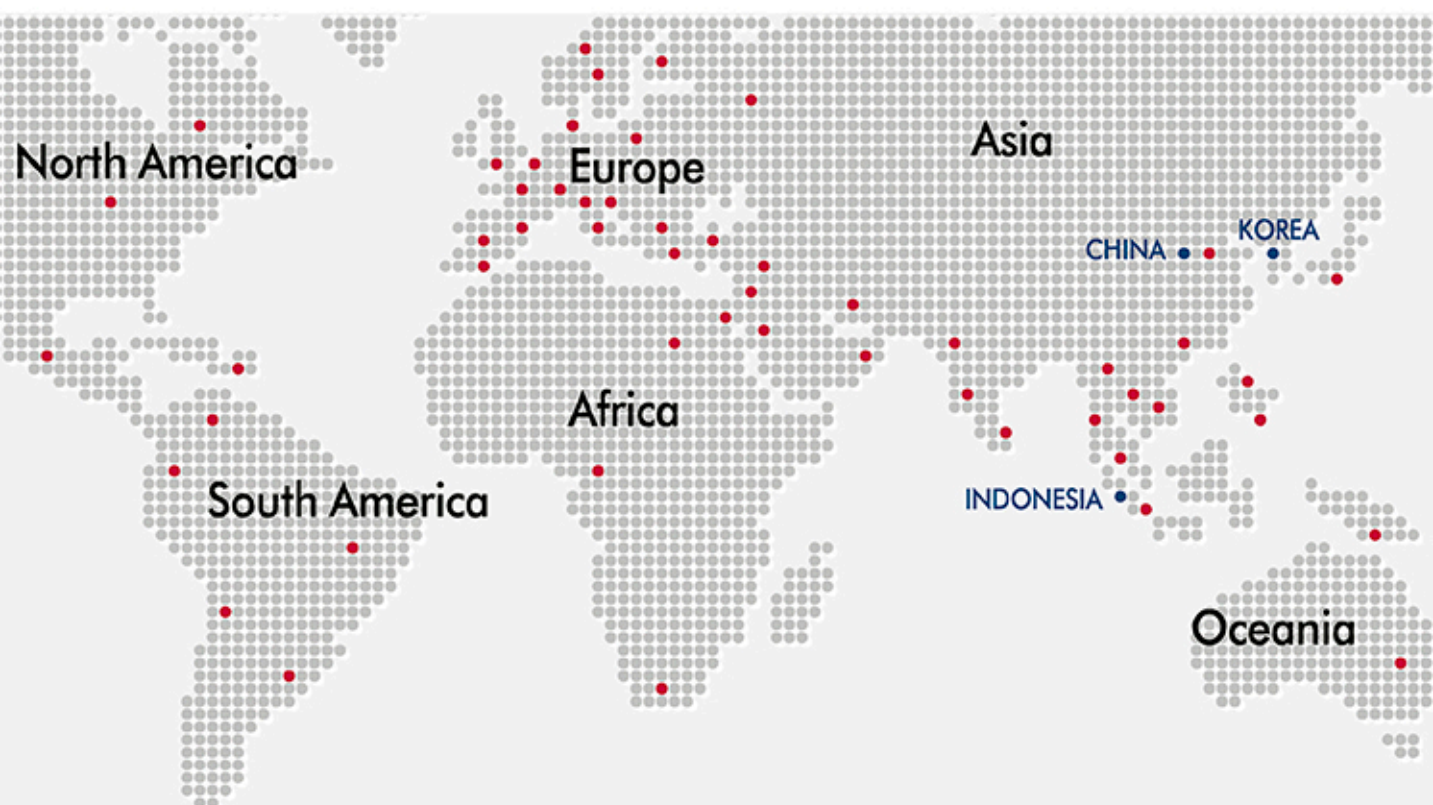
- LOAD VOLTAGE 90 - 264 V a.c / 90 - 480 V a.c
- HIGH INSULATION BETWEEN INPUT AND OUTPUT
- COMPACT, LIGHT WEIGHT AND LARGE CAPACITY
- C-R SNUBBER, ZERO CROSS FUNCTION
- HIGH RELIABILITY (SOLID STATE)
- RADIATOR ONE BODY TYPE THAT IMPROVED
WORKABILITY AND SAFETY



GLOBAL NETWORK

● HEAD OFFICE & SUBSIDIARY

● DISTRIBUTOR (55 DISTRIBUTORS IN THE WORLD)



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Always with our customers

www.hynux.net



Control Switch

Control Instrument

Photo Sensor / Proximity Sensor

Thyristor Power Regulator

Sign tower / Signal light

World Leader in Control & Measurement

MAIN PRODUCTS

Temperature Controller / Recorder / Digital Counter / Timer / Analog Timer / Panelmeter / Multi Pulse Meter
Sensor / Rotary Encoder / Thyristor Power Regulator / Solid State Relay / Power Supply / Hoist switch
Foot switch / Mono lever switch / Micro switch / Power switch / Limit switch / Cam switch / Main switch
Sign tower / Signal light / Buzzer / Terminal block / Fuse holder / Control box / Cable connector

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